HVS1000MS/HVS1000MCNC AUTOMATIC MICRO-VICKERS HARDNESS TESTER

Certificate

- Mainly used for various metal parts and parts after thermal treatment Vickers hardness measurement. It is also suitable for the determination of effective hardening depth, coating and heat affected parts of welding parts.
- It can also be used to observe the metallographic structure of various metal parts and collect, display and print the image
- Automatic turret
- The hardness scale can be changed to Rockwell and Brinell scales
- With manufacturer inspection certificate







HVS1000MCNC

SPECIFICATION

Code	HVS1000MS	HVS1000MCNC
Measuring range	8-2900HV	
Test load	0.01, 0.025, 0.05, 0.1, 0.2, 0.3, 0.5, 1kgf	
Unit	HV0.01, HV0.025, HV0.05, HV0.1, HV0.2, HV0.3, HV0.5, HV1	
Stage elevation	Manual	Automatic
Focus	Manual	Automatic
Repeatability	±1.0%	
Loading control	automatic(loading/dwell/unloading)	
Loading time	1~99s	
Objective	10X(observation), 40X(measurement)	
Eyepiece	10X	
Total magnification	10X(observation), 40X(measurement)	
Camera pixel	5M	
Max. test height	160mm	
Max. throat	160mm	
X-Y stage	size: 150×150mm	
	travel range: 50×50mm	
	movement graduation: 0.001mm	
	movement speed: 1-10mm/s, adjustable	
	movement position repeatability: 1-3um	
	control: the software system can control the X-Y stage movement automatically by programming, click any point to set the random moving position	
Dimension	540×260×650mm	
Weight	50kg	

INCLUDED ACCESSORIES

Main unit	1pc
10X eyepiece	1pc
Camera	1pc
C-mount	1pc
Computer(with software)	1pc
USB dongle	1pc
Level	1pc
Test block	2pcs
X-Y stage	1pc
Controller	1pc
Vice	1pc
Slice holder	1pc
Cylinder holder	1pc
Touch screen pen	1pc
Dustproof cover	1pc